AEE/SSO/BBR28/15-16

Original/Duplicate/Triplicate

No. 1st & FINAL BILL 15-5-15

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division **Dasarahalli**

Sub-Division **Shettyhalli**

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **ADDITIONAL WORKS AT GOVT. HIGHER PRIMARY SCHOOL BUILDING AT ABBIGERE IN SHETTYHALLI SUB DIVISION**

Name of Contractor and Full Address **TECHNICAL MANAGER (W) KRIDL**

Reference to Agreement No. **EE/DD/WO/153/14-15** Date: **1.8.2014**

Certified that the measurements were taken by me on 15/5/15 and recorded in pages 34200/1 to 34201/1 of measurements Book No. 2420/14-15 and that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Officer - in - charge of work

Certified that the measurements were checked by me on 15/5/2015 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment JOB NO : **012-11-000059** P Code No.1878

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಶೆಟ್ಟಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

Witness : (In final settlement of all demand)

(For use in the Office)

1. ALS

2.

Date 15/5/15

Name

Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	evious Measurem		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ PWD SR 2009-10	Cum			31.40	163.24	5126.00	31.40	5126.00	
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 (Page No. 12/ Item No. 4.3)PWD SR 2009-10	Cum			9.00	3153.50	28382.00	9.00	28382.00	
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt size stone masonry in foundation in cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum			11.32	2344.72	26542.00	11.32	26542.00	
4	KSRB 4.2.3 : Providing and laying in position reinforced cement concrete of mix 1:2:4(M15) with 20 mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.6 Page No. 13/ Item No. 4.12/ PWD SR 2009-10	Cum			28.61	4243.18	121397.00	28.61	121397.00	
5	KSRB 6-2.2 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 6.5/ PWD SR 2009-10 Specification No. KBS 6.2	Sqm			15.21	3820.24	58106.00	15.21	58106.00	
6	KSRB 6-7.1: Construction of partition wall 11.2 cms thick with non modular ground moulded burnt bricks of class designation 35 with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvanized iron of normal thickness 0.35 mm 100mm. Wide as per I.S. 2212/19991 at 7.5m. C to C including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 Page No. 26/ Item No. 6.23/ PWD SR 2009-10	Sqm			151.52	451.56	68420.00	151.52	68420.00	
7	KSRB 15.3.5: Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 96/ Item No. 15.13 / PWD SR 2009-10	Sqm			201.42	112.36	22632.00	201.42	22632.00	
8	KSRB 15.3.2: Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required, smooth rendering, Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 96/ Item No. 15.10 / PWD SR 2009-10	Sqm			167.04	98.90	16520.00	167.04	16520.00	
9	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 97/ Item No. 15.21 / PWD SR -2009-10	Sqm			660.26	117.66	77686.00	660.26	77686.00	
10	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of mix 1:1, 5:3 with 20 mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for column, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 13/ Item No. 4.17/ PWD SR 2009-10	Cum			8.53	4673.54	39865.00	8.53	39865.00	
11	Chipping and cleaning, construction joint and slab joint, treatment, grouting of honey comb by cement with inorganic accelerator for cement, spray of biological modified Ortho esters and alkaline earth, providing and laying of patch concrete 1:2:4 for required thickness by clean granite trap jelly 20mm and down size mixed with poly carboxylic sulphonated neutral cellulose @ 100ml/bag and aqueous acrylic silicone emulsion @ 125ml/bag, Providing Plaster for a thickness of 20mm mixed with polycarboxylic Sulphonated neutral cellulose @ 100ml/bag and aqueous acrylic silicone emulsion @ 125ml/bag, slurry of cement and silica sand should be mixed with Cross linked Acrylic/Styrene/butadiene based, polymer, spraying of silane and silanol linear copolymer as water proof agent, applying of modified polymers slurry of soft acrylic esters for extra protection for taking, and filling the bore wherever Necessary with concrete, brushing one coat of acrylic copolymer cross linked formulation on the bore. for Roof Page No. 57/ Item No. 10.6.1/ PWD SR 2009-10	Sqm			237.39	736.70	174885.00	237.39	174885.00	
12	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer Page No. 101/ Item No. 15.53.2 / PWD SR 2009-10	Sqm			1010.67	53.00	53566.00	1010.67	53566.00	

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurem		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
13	KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 100/ Item No. 51.49.1 / PWD SR 2009-10	Sqm			1570.09	47.17	74061.00	1570.09	74061.00	
14	KSRB 15-17.6: Providing and Applying painting two coats (Excluding priming coat) on new wood surface and / or wood based surface, with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No. 102/ Item No. 15.60.1 / PWD SR 2009-10	Sqm			230.65	81.51	18800.00	230.65	18800.00	
15	KSRB 13-9.3: Providing and fixing to wall, ceiling and floor, high-density polyethylene pipes 6.00KGF/sq.cm. Working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling a floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9. 110mm. Page No. 82/ Item No. 13.73.4 / PWD SR 2009-10	Sqm			112.55	612.68	68957.00	112.55	68957.00	
16	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. 450x450mm, and 450 depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 C.I cover with frame (light duty) 450x450mm Page No. 63/ Item No. 11.50.2 PWD SR 2009-10	Nos			2.00	3591.28	7183.00	2.00	7183.00	
17	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 82/ Item No. 13.78 / PWD SR 2009-10	Nos			1.00	6410.88	6411.00	1.00	6411.00	
18	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fitting including fixing the pipe clamp at 10.00 meter spacing. This includes jointing of pipe and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 25mm nominal OD pip.es Page No. 84/ Item No. 13.85.3 / PWD SR 2009-10	Mtr			21.95	148.40	3257.00	21.95	3257.00	
19	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fitting including fixing the pipe clamp at 10.00 meter spacing. This includes jointing of pipe and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 32mm nominal OD pip es Page No. 84/ Item No. 13.85.4 / PWD SR 2009-10	Mtr			27.40	201.40	5518.00	27.40	5518.00	
20	KSRB 4-5: Providing lath plaster with cement mortar 1:3 5cms thick with 6mm dia mild steel bars at 20 cms c to c both horizontally and vertically fixing chicken mesh for drop chajja, facia, backing to cup boards including cost of all materials, labour, providing and removing form work HOM of machineries, curing, complete as per specifications. Page No. 14/ Item No. 4.27/ PWD SR 2009-10	Sqm			25.70	711.26	18279.00	25.70	18279.00	
21	KSRB 8.3-2 Providing and laying to required line and slope roofing with semi-corrugated (Trafford) asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, blots and nits 8mm dia C.I. plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications Page No. 40/ Item No. 8.6/ PWD SR 2009-10	Sqm			11.96	336.02	4019.00	11.96	4019.00	
	TOTAL						**899612.00**		**899612.00**	
	ADD 10% KRIDL CHARGES						**89961.00**		**89961.00**	
	ADD 1% LABOUR CESS						**8996.00**		**8996.00**	
	GRAND TOTAL						**998569.00**		**998569.00**	
	CERTIFICATE:									
1	Work done is satisfactory									
2	There are no departmental issuesmade to the contractor									
3	The contractor has cleared all debrice from work spot									

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